

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	((("5344668") or ("0024748")).PN.	USPAT	OR	OFF	2006/11/21 12:23
L2	1	((("5344668") or ("2001024748") or ("2003020942") or ("20020160252")).PN.	USPAT; USOCR	OR	OFF	2006/11/21 12:25
L3	0	("200124748").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/21 12:26
L4	1	("20010024748").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/21 12:27
L5	1	((("5344668") or ("2001002478") or ("2003209428")).PN.	US-PGPUB; USPAT	OR	OFF	2006/11/21 12:28
L6	1	((("5344668") or ("2001002478")).PN.	US-PGPUB; USPAT	OR	OFF	2006/11/21 12:28
L7	1	("20010002478").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/21 12:29
L8	1	("20010024780").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/21 12:29
L9	0	mizuno-\$.did.	US-PGPUB	OR	OFF	2006/11/21 12:30
L10	1186	mizuno-\$.in.	US-PGPUB	OR	OFF	2006/11/21 12:30
L11	16	mizuno-\$.in. and ("429"/\$.ccls.)	US-PGPUB	OR	OFF	2006/11/21 12:31
L12	10	"5344669"	US-PGPUB; USPAT	OR	OFF	2006/11/21 12:31
L13	6	((("5344668") or ("20010024748") or ("20030209428") or ("20020160252") or ("20030194599") or ("20030175579") or ("20020192538") or ("20020166694") or ("20020164516") or ("20020051903") or ("6544680") or ("6524736") or ("6489051") or ("6210789") or ("4664988")).PN.	USPAT	OR	OFF	2006/11/21 12:33
L14	15	((("5344668") or ("20010024748") or ("20030209428") or ("20020160252") or ("20030194599") or ("20030175579") or ("20020192538") or ("20020166694") or ("20020164516") or ("20020051903") or ("6544680") or ("6524736") or ("6489051") or ("6210789") or ("4664988")).PN.	US-PGPUB; USPAT	OR	OFF	2006/11/21 13:17
L15	1	("6589685").PN.	USPAT	OR	OFF	2006/11/21 13:04
L16	0	((("polymeradj1electrolyteadj1membraneadj1fueladj1cell")).PN.	USPAT	OR	OFF	2006/11/21 13:18
L17	145	(polymer adj1 electrolyte adj1 membrane adj1 fuel adj1 cell)	USPAT	OR	OFF	2006/11/21 13:30

## EAST Search History

L18	750	(gas adj1 diffusion adj1 electrode)	USPAT	OR	OFF	2006/11/21 13:35
L19	22126	(polymer adj1 film)	USPAT	OR	OFF	2006/11/21 13:31
L20	486	(gas adj1 diffusion adj1 layer)	USPAT	OR	OFF	2006/11/21 13:31
L21	0	l18 and l19 and "l29"	USPAT	OR	OFF	2006/11/21 13:32
L22	0	l18 and l19 and "l20"	USPAT	OR	OFF	2006/11/21 13:32
L23	9	l18 and l19 and l20	USPAT	OR	OFF	2006/11/21 13:32
L24	0	(catalyst adj1 support adj1 carbon adj1 powder)	USPAT	OR	OFF	2006/11/21 13:34
L25	30	l18 and (gas adj1 diffusion adj1 layer) and (catalyst adj1 layer) and P	USPAT	OR	OFF	2006/11/21 13:41
L26	6	l18 and (gas adj1 diffusion adj1 layer) and (catalyst adj1 layer) and (polyethylene adj1 terephthalate)	USPAT	OR	OFF	2006/11/21 14:00
L27	259	l18 and (catalyst adj1 layer)	USPAT; USOCR	OR	OFF	2006/11/21 14:37
L28	0	(gas adj1 diffusion adj1 layer) same (polymer adj1 substrate)	USPAT; USOCR	OR	OFF	2006/11/21 14:38
L29	6	(gas adj1 diffusion adj1 layer) and (polymer adj1 substrate)	USPAT; USOCR	OR	OFF	2006/11/21 14:39
L30	0	(gas adj1 diffusion adj1 layer) and (polymer adj1 support)	USPAT; USOCR	OR	OFF	2006/11/21 14:39
L31	21	(gas adj1 diffusion adj1 layer) and (polymer adj1 film)	USPAT; USOCR	OR	OFF	2006/11/21 14:51
L32	3693	(catalyst adj1 layer)	USPAT	OR	OFF	2006/11/21 14:57
L33	0	(catalyst adj1 support adj1 carbon adj1 powder)	USPAT	OR	OFF	2006/11/21 14:57
L34	94	l32 and (polymer adj1 (support or base or film))	USPAT	OR	OFF	2006/11/21 14:58
L35	94	l32 and (polymer adj1 (support or base or film))	USPAT; USOCR	OR	OFF	2006/11/21 15:19
L36	0	(gas adj1 diffusion adj1 layer) and (catalyst adj1 layer) and (electrode adj1 backing)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 15:20
L37	18	(gas adj1 diffusion adj1 layer) and (catalyst adj1 layer) and (polymer adj1 film)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/21 15:24
L38	52	l32 and (electrode adj1 backing)	USPAT; USOCR	OR	OFF	2006/11/21 15:28
L39	22	(gas adj1 diffusion adj1 layer) and (catalyst adj1 layer) and (polymer adj1 (film or substrate or support))	USPAT; USOCR	OR	OFF	2006/11/21 15:38